ABSTRACT

1   A system and method automatically generate an on-line document from raw text into an

2   engaging, interactive form for a plurality of viewers. Unstructured articles are read from an

3   information feed. A computation process extracts and tags proper names of people, products,

4   organizations, and places and categorizes them. An image database is used to link these proper

5   names with image files. The image database consists of a series of attribute-value pairs for active

6   searching of names. A URL query string is _input_ to the database to extract the location of the

7   image in the database file system. An Extensible Markup Language (XML) file is created from

8   the raw text of the article, the list of proper names in the processed data and the image file

9   references . The XML file is stored in a file system. An Extensible Stylesheet Language (XSL)

10   file provides templates containing computational relationships between the text and images. The

11   XML and XSL style sheets are combined to generate a Hypertext Markup Language (HTML)

12   file containing an on-line story of the unstructured articles in a Java Applet which allows the

13   system to provide a variety of interactive behaviors for a final presentation available by a viewer

14   from a browser.

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